AGICF
1.1
11-9-79

EPA POTENTIAL HAZARDOUS WASTE SITE IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION	SITE NUMBER (to be assigned by Hq)

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II *(Preliminary Assessment)*. File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: Ace Galvanizing Inc.

B. STREET *(or other identifier)*: 429 S. 96th

C. CITY: Seattle

D. STATE: Wash.

E. ZIP CODE: 98108

F. COUNTY NAME: King

G. OWNER/OPERATOR *(If known)*

1. NAME: D. A. Breiwick

2. TELEPHONE NUMBER: 762-0330

H. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE ☐ 6 UNKNOWN

I. SITE DESCRIPTION

Hot dip galvanizing plant

J. HOW IDENTIFIED *(i.e., citizen's complaints, OSHA citations, etc.)*: EPA / DOE

K. DATE IDENTIFIED *(mo., day, & yr.)*: Sept. 1979

L. PRINCIPAL STATE CONTACT

1. NAME: Ken Mauermann

2. TELEPHONE NUMBER: 885-1900

II. PRELIMINARY ASSESSMENT *(complete this section last)*

A. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☒ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE ☐ 5. UNKNOWN

B. RECOMMENDATION

☐ 1. NO ACTION NEEDED *(no hazard)*

☐ 2. IMMEDIATE SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR:
b. WILL BE PERFORMED BY:

☒ 3. SITE INSPECTION NEEDED
a. TENTATIVELY SCHEDULED FOR: 11/14/79
b. WILL BE PERFORMED BY: Judy Fey EPA
Doug Smith EPA
John Conrey DOE

☐ 4. SITE INSPECTION NEEDED *(low priority)*

C. PREPARER INFORMATION

1. NAME: Judy Fey

2. TELEPHONE NUMBER: 442-1260

3. DATE *(mo., day, & yr.)*: 11/9/79

III. SITE INFORMATION

A. SITE STATUS

☒ 1. ACTIVE *(Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)*

☐ 2. INACTIVE *(Those sites which no longer receive wastes.)*

☐ 3. OTHER *(specify)*: *(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)*

B. IS GENERATOR ON SITE?

☐ 1. NO ☒ 2. YES *(specify generator's four-digit SIC Code)*: 3471

C. AREA OF SITE *(in acres)*: unknown

D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES

1. LATITUDE *(deg.-min.-sec.)*:

2. LONGITUDE *(deg.-min.-sec.)*:

E. ARE THERE BUILDINGS ON THE SITE?

☐ 1. NO ☒ 2. YES *(specify)*: Process plant

Continue On Reverse

Continued From Front

[redacted]. CHARACTERIZATION OF SITE ACTIVIT[redacted]

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

'X'	A. TRANSPORTER	'X'	B. STORER	'X'	C. TREATER	'X'	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE	X	3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND	X	5. CHEM./PHYS. TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER (specify):		6. OTHER (specify):		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER (specify):
					9. OTHER (specify): Chemical purification		Run-off

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

Unknown

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☐ 3. SOLID ☒ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☒ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5 HIGHLY VOLATILE

☒ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify): _____

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

Unknown

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
'X' (1) PAINT, PIGMENTS	'X' (1) OILY WASTES	'X' (1) HALOGENATED SOLVENTS	'X' (1) ACIDS	'X' (1) FLYASH	'X' (1) LABORATORY PHARMACEUT.
X (2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMLTG. WASTES	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER (specify):
			X (6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER (specify)		

Continued From Page 2

V. WASTE RELATED INFORMATION *(continued)*

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE *(place in descending order of hazard)*.

Chromate sludges
Cyanide wastes.
Zinc

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

Company is a known violator of correct disposal practices.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD *(mark 'X')*	C. ALLEGED INCIDENT *(mark 'X')*	D. DATE OF INCIDENT *(mo., day, yr.)*	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH	X			
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY	X			
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER *(specify)*: water quality violation		X		Related to quenching of hot galvanized parts by hosing over a catchbasin.

Continue On Reverse

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- [X] 1. NPDES PERMIT
- [ ] 2. SPCC PLAN
- [ ] 3. STATE PERMIT *(specify)*: _____
- [ ] 4. AIR PERMITS
- [ ] 5. LOCAL PERMIT
- [ ] 6. RCRA TRANSPORTER
- [ ] 7. RCRA STORER
- [ ] 8. RCRA TREATER
- [ ] 9. RCRA DISPOSER
- [ ] 10. OTHER *(specify)*: _____

B. IN COMPLIANCE?

- [ ] 1. YES
- [ ] 2. NO
- [X] 3. UNKNOWN

4. WITH RESPECT TO *(list regulation name & number)*: _____

VIII. PAST REGULATORY ACTIONS

- [ ] A. NONE
- [X] B. YES *(summarize below)*

Fined by DOE for discharging w/o permit.

IX. INSPECTION ACTIVITY *(past or on-going)*

- [ ] A. NONE
- [ ] B. YES *(complete items 1,2,3, & 4 below)*

1. TYPE OF ACTIVITY	2 DATE OF PAST ACTION *(mo., day, & yr.)*	3 PERFORMED BY: *(EPA/State)*	4. DESCRIPTION
Run-off water monitoring		State	Samples from storm drains

X. REMEDIAL ACTIVITY *(past or on-going)*

- [ ] A. NONE
- [X] B. YES *(complete items 1, 2, 3, & 4 below)*

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION *(mo., day, & yr.)*	3. PERFORMED BY: *(EPA/State)*	4. DESCRIPTION
Fines	1978	State	State asked for engineering plan for remedial run-off water clean-up.

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment *(Section II)* information on the first page of this form.

POTENTIAL HAZARDOUS WASTE SITE LOG

SITE NUMBER

NOTE: The initial identification of a potential site or incident should not be interpreted as a finding of illegal activity or confirmation that an actual health or environmental threat exists. All identified sites will be assessed under the EPA's Hazardous Waste Site Enforcement and Response System to determine if a hazardous waste problem actually exists.

SITE NAME: Ace Galvanizing — 429 S. 96th St.

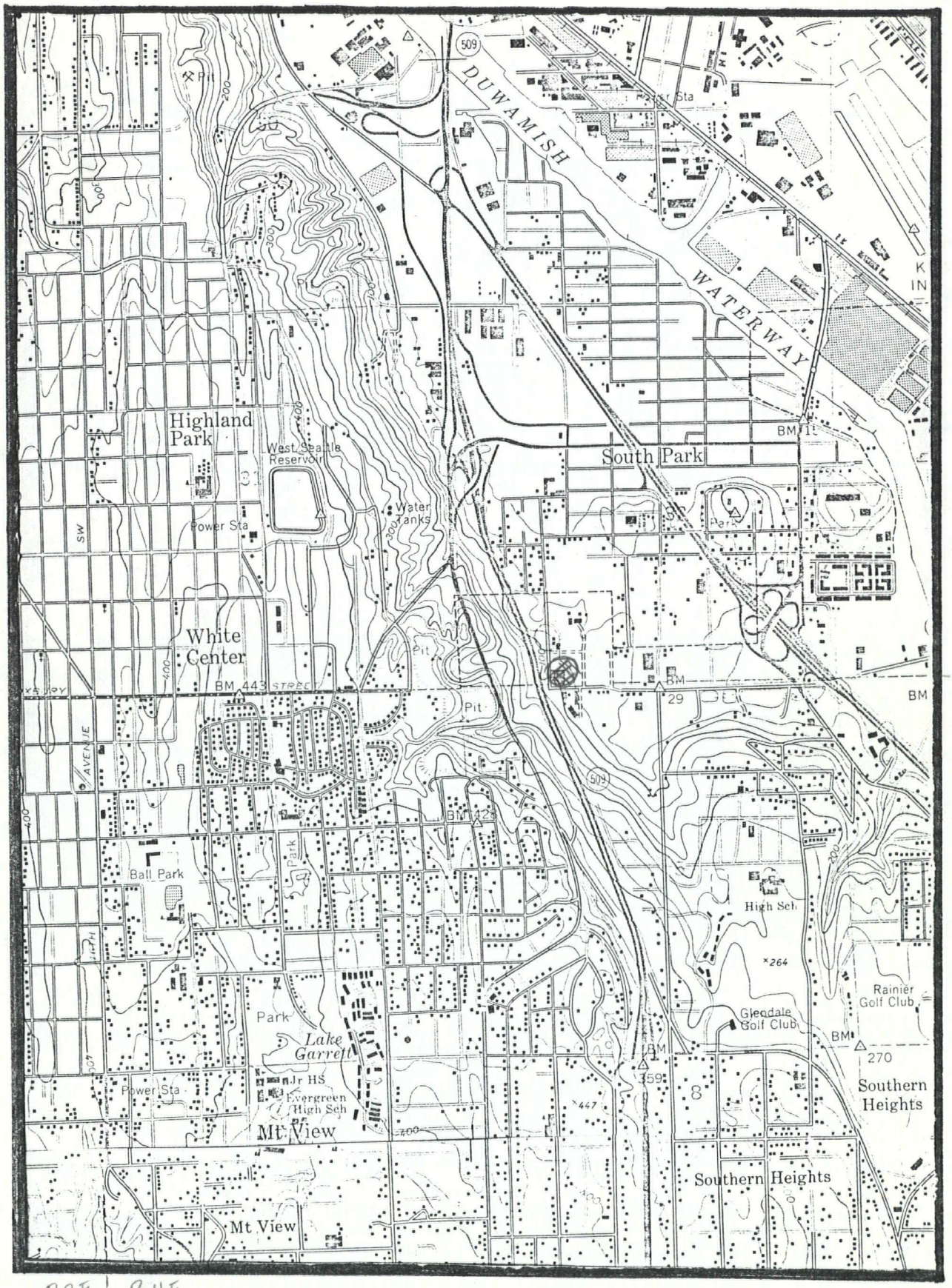
CITY: Seattle — STATE: Wash. — ZIP CODE: 98108

SUMMARY OF POTENTIAL OR KNOWN PROBLEM:
Zinc contamination – possible cyanide contamination

ITEM	DATE OF DETERMINATION OR COMPLETION	RESPONSIBLE ORGANIZATION OR INDIVIDUAL (EPA, State, Contractor, Other)	PERSON MAKING ENTRY TO LOG FORM	DATE ENTERED ON LOG (mo,day,yr)
1. IDENTIFICATION OF POTENTIAL PROBLEM	Sept. 1979	EPA / DOE	J.W. Fey	12/7/79
2. PRELIMINARY ASSESSMENT	Sept. 1979	EPA	J.W. Fey	12/7/79
APPARENT SERIOUSNESS OF PROBLEM:	☐ HIGH	☒ MEDIUM ☐ LOW ☐ NONE ☐ UNKNOWN		
3. SITE INSPECTION	Nov. 1979	EPA / DOE	J.W. Fey	12/7/79
4. EPA TENTATIVE DISPOSITION (check appropriate item(s) below)	Jan. 1980			
☐ a. NO ACTION NEEDED				
☒ b. INVESTIGATIVE ACTION NEEDED		DOE	J.W. Fey	2/6/80
☐ c. REMEDIAL ACTION NEEDED				
☐ d. ENFORCEMENT ACTION NEEDED				
5. EPA FINAL STRATEGY DETERMINATION (check appropriate item(s) below)	Jan. 1980			
☒ a. NO ACTION NEEDED			J.W. Fey	2/6/80
☐ b. REMEDIAL ACTION NEEDED				
☐ c. REMEDIAL ACTION NEEDED BUT, NO RESOURCES AVAILABLE				
☐ d. ENFORCEMENT ACTION NEEDED				
☐ (1) CASE DEVELOPMENT PLAN PREPARED				
☐ (2) ENFORCEMENT CASE FILED OR ADMINISTRATIVE ORDER ISSUED				
6. STRATEGY COMPLETED	Jan. 1980	DOE		2/6/80

EPA Form T2070-1 (10-79)

SEATTLE SOUTH QUAD



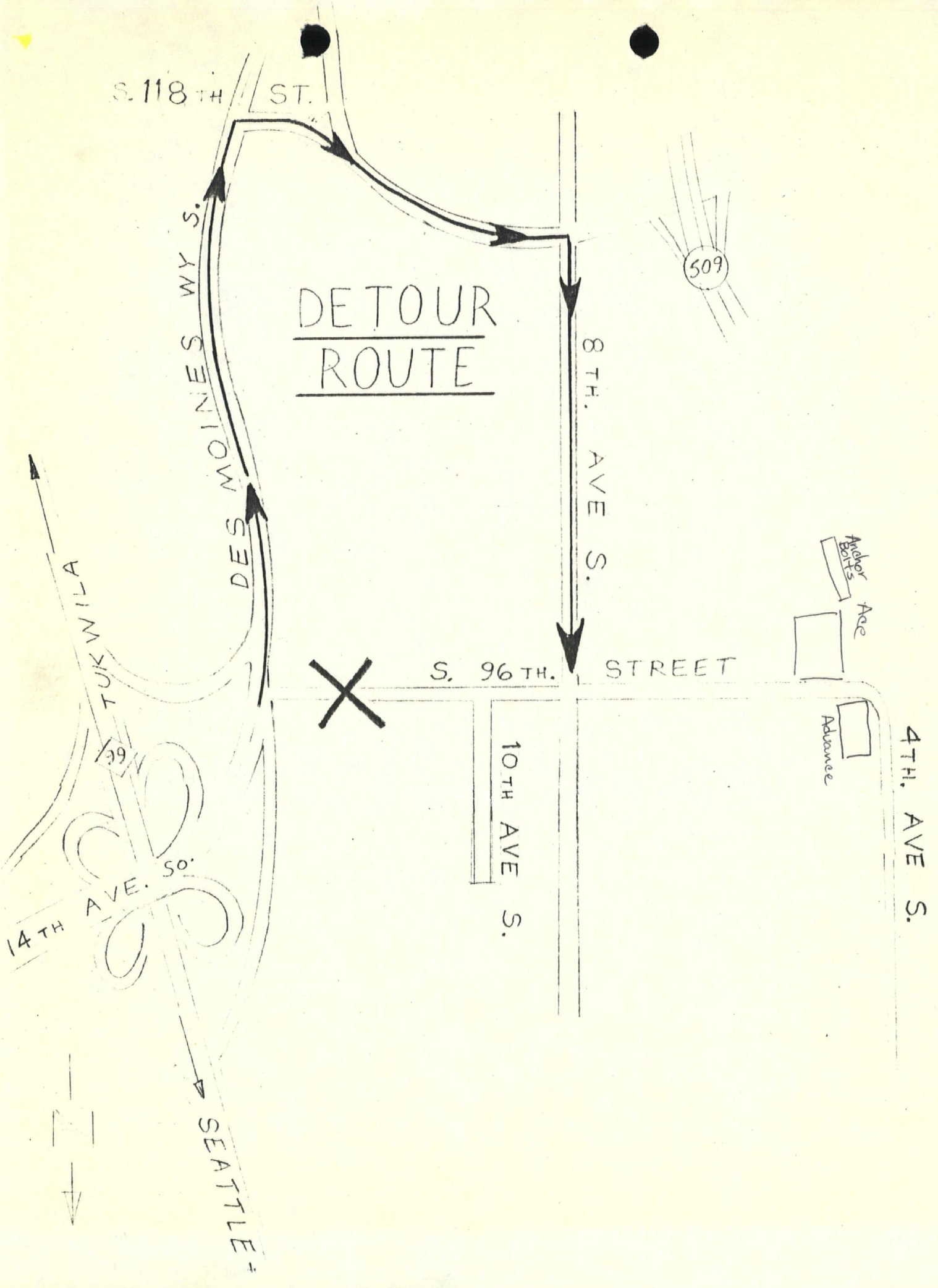
T. 24N

T. 23N

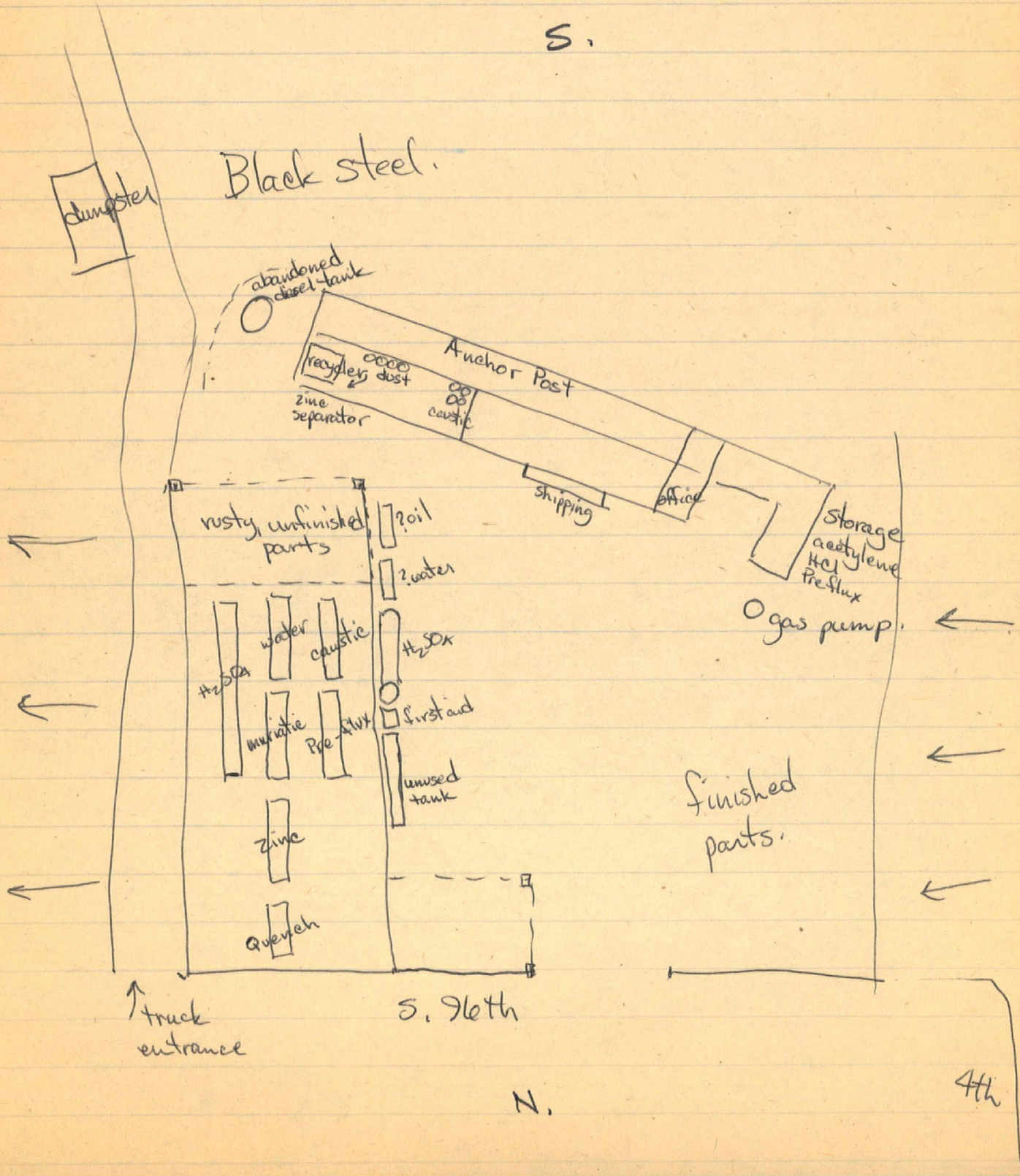
R. 3E | R. 4E

HCE GALVANIZING

SEC. 32


S. 118TH ST.
DES MOINES WY S.
DETOUR
ROUTE
8TH. AVE S.
509
TUKWILA
99
S. 96TH. STREET
Anchor Bolts
Ace
Advance
4TH. AVE S.
10TH AVE S.
14TH AVE. SO.
SEATTLE

S.


dumpster
Black steel.
abandoned diesel tank
recycler
dust
zinc separator
Anchor Post
caustic
shipping
office
storage
acetylene
HCl
Pre flux
gas pump.
rusty, unfinished parts
?oil
?water
water
caustic
H_2SO_4
H_2SO_4
muriatic
Pre-flux
first aid
unused tank
zinc
Quench
finished parts.
truck entrance
S. 96th
4th
N.

INVENTORY-POSSIBLE SOURCES OF HAZARDOUS WASTE

judy

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EPA NUMBER:
SIC CODE BEG: 3471
STATE: Wash
SIC CODE END:
COUNTY:
NPDES#: WA 002225-0
BASIN CODE:
CO CODE:

* NAME: Ace Galvanizing Inc.
OWNER:
ADDRESS: 429 S. 96th Seattle
ZIP:
CONTACT:
PHONE: 762-0330

LOCATION:
TOWNSHIP:
RANGE:
SECTION:
USGS MAP NAME:

BUSINESS TYPE
Plating - Hot dip galvanizing
WASTE TYPES

DISPOSAL ACTIVITIES

PERIOD OF OPERATION:

HISTORY OF SITE OR PLANT OPERATION

1969: 621 NW 41st (SU2-8300)

20 employes - NPDES file (1973)

DETAILS OF WASTE CHARACTERISTICS, VOLUMES AND DISPOSAL OPERATION

10,000 - 49,999 lbs. of product serviced.

Discharge occurs all year - 4 to 5 days per week
Daily average, process water - 5000 - 9999 gal./da. - untreated

Small amnt (.1 - 999) goes to septic tank.
5,000 - 9999 gal/da. discharged to storm sewer.
One other discharge point is Duwamish River.

SIC CODES

3471

* 621 N.W. 41st. 782-8300